

## Product datasheet for **AR39148PU-L**

### MYL6B (1-208, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MYL6B (1-208, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSMPKKDV</u> PVKKPAGPSI SKPAAKPAAA GAPPAKTKAE PAVPQAPQKT QEPPVDLSKV VIEFNKDQLE EFKEAFELFD RVGDGKILYS QCGDVMRALG QNPTNAEVLK VLGNPKSDEL KSRRVDFETF LPMLQAVAKN RGQGTYEDYL EGFRVFDKEG NGKVMGAELR HVLTTLGEKM TEEEVETVLA GHEDSNGCIN YEAFKHLIS V
Tag:	His-tag
Predicted MW:	25.2 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYL6B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001186558</u>
Locus ID:	140465
UniProt ID:	<u>P14649</u> , <u>A0A024RB31</u>
Cytogenetics:	12q13.2
Synonyms:	MLC1SA



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**Summary:**

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

**Protein Pathways:**

Vascular smooth muscle contraction

**Product images:**